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Sequence Listing was accepted.

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217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Wed Oct 17 09:17:48 EDT 2007

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Application No: 10573161

Version No: 1.0

Input Set:

Output Set:

Started: 2007-10-01 16:50:48.579

Finished: 2007-10-01 16:50:50.070

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 491 ms

Total Warnings: 20

Total Errors: 0

No. of SeqIDs Defined: 39

Actual SeqID Count: 39

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W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
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W 402	Undefined organism found in <213> in SEQ ID (22)
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SEQUENCE LISTING

<110> Agou, Fabrice
Courtois, Gilles
Israel, Alain
Veron, Michel
Traincard, Francois
Yamaoka, Shoji
Baleux, Francoise
Coic, Yves-Marie

<120> SELECTIVE INHIBITION OF NK-KAPPAB ACTIVATION BY PEPTIDES DESIGNED
TO DISRUPT NEMO OLIGOMERIZATION

<130> 288459US0XPCT

<140> 10573161
<141> 2007-10-01

<150> PCT/IB04/03352
<151> 2004-09-24

<150> US 60/505,161
<151> 2003-09-24

<150> US 60/530,418
<151> 2003-12-18

<160> 39

<170> PatentIn version 3.3

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Lys Ser Lys Gly Met Gln Leu Gln Asp Leu Arg Gln Gln Leu Gln Gln
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Ala Glu Glu Ala Leu Val Ala Lys Gln Glu Leu Ile Asp Lys Leu Lys
35 40 45

Glu Glu Ala Glu Gln His Lys Ile Val
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Glu Ala Glu Gln His Lys Ile Val
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25

30

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Glu Glu Ala Glu Gln His Lys Ile Val
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Glu Ala Glu Gln His Lys Ile Val
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Lys Leu Lys Ala Gln Ala Asp Ile Tyr Lys Ala Asp Phe Gln Ala Glu
 20 25 30

Arg His Ala Arg Glu Lys Leu Val Glu Lys Lys Glu Tyr Leu Gln Glu
 35 40 45

Gln Leu Glu Gln Leu Gln Arg Glu Phe Asn Lys Leu
 50 55 60

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His Ala Arg Glu Lys Leu Val Glu Lys Lys Glu Tyr Leu Gln Glu Gln
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Leu Glu Gln Leu Gln Arg Glu Phe Asn Lys Leu
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20 25 30

Arg His Ala Arg Glu Lys Leu Val Glu Lys Lys Glu Tyr Ser Gln Glu
35 40 45

Gln Leu Glu Gln Ser Gln Arg Glu Phe Asn Lys Leu
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Glu Leu Leu Ser Lys Asn Tyr His Leu Glu Asn Glu Val Ala Arg Leu
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Lys Lys Leu Val Gly Glu Arg
50 55

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 <211> 412
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 <213> Mus musculus

<400> 12

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Ser Gly Gly Pro Ala Glu Asp Gln Asp Met Leu Gly Glu Glu Ser Ser
 20 25 30

Leu Gly Lys Pro Ala Met Leu His Leu Pro Ser Glu Gln Gly Thr Pro
 35 40 45

Glu Thr Leu Gln Arg Cys Leu Glu Glu Asn Gln Glu Leu Arg Asp Ala
 50 55 60

Ile Arg Gln Ser Asn Gln Met Leu Arg Glu Arg Cys Glu Glu Leu Leu

65		70		75		80
His Phe Gln Val Ser Gln Arg Glu Glu Lys Glu Phe Leu Met Cys Lys						
	85		90		95	
Phe Gln Glu Ala Arg Lys Leu Val Glu Arg Leu Ser Leu Glu Lys Leu						
	100		105		110	
Asp Leu Arg Ser Gln Arg Glu Gln Ala Leu Lys Glu Leu Glu Glu Leu						
	115		120		125	
Lys Lys Cys Gln Gln Gln Met Ala Glu Asp Lys Ala Ser Val Lys Ala						
	130		135		140	
Gln Val Thr Ser Leu Leu Gly Glu Leu Gln Glu Ser Gln Ser Arg Leu						
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Glu Ala Ala Thr Lys Asp Arg Gln Ala Leu Glu Gly Arg Ile Arg Ala						
	165		170		175	
Val Ser Glu Gln Val Arg Gln Leu Glu Ser Glu Arg Glu Val Leu Gln						
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Gln Gln His Ser Val Gln Val Asp Gln Leu Arg Met Gln Asn Gln Ser						
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Val Glu Ala Ala Leu Arg Met Glu Arg Gln Ala Ala Ser Glu Glu Lys						
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Arg Lys Leu Ala Gln Leu Gln Ala Ala Tyr His Gln Leu Phe Gln Asp						
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Tyr Asp Ser His Ile Lys Ser Ser Lys Gly Met Gln Leu Glu Asp Leu						
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Arg Gln Gln Leu Gln Gln Ala Glu Glu Ala Leu Val Ala Lys Gln Glu						
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Leu Ile Asp Lys Leu Lys Glu Glu Ala Glu Gln His Lys Ile Val Met						
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Glu Thr Val Pro Val Leu Lys Ala Gln Ala Asp Ile Tyr Lys Ala Asp						
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Phe Gln Ala Glu Arg His Ala Arg Glu Lys Leu Val Glu Lys Lys Glu
305 310 315 320

Tyr Leu Gln Glu Gln Leu Glu Gln Leu Gln Arg Glu Phe Asn Lys Leu
325 330 335

Lys Val Gly Cys His Glu Ser Ala Arg Ile Glu Asp Met Arg Lys Arg
340 345 350

His Val Glu Thr Pro Gln Pro Pro Leu Leu Pro Ala Pro Ala His His
355 360 365

Ser Phe His Leu Ala Leu Ser Asn Gln Arg Arg Ser Pro Pro Glu Glu
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Pro Pro Asp Phe Cys Cys Pro Lys Cys Gln Tyr Gln Ala Pro Asp Met
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Asp Thr Leu Gln Ile His Val Met Glu Cys Ile Glu
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<210> 13

<211> 57

<212> PRT

<213> Artificial Sequence

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<223> Synthetic Peptide

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Cys Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
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Lys Ser Lys Gly Met Gln Leu Glu Asp Leu Lys Gln Gln Leu Gln Gln
20 25 30

Ala Glu Glu Ala Leu Val Ala Lys Gln Glu Val Ile Asp Lys Leu Lys
35 40 45

Glu Glu Ala Glu Gln His Lys Ile Val
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<210> 14

<211> 40
<212> PRT
<213> Artificial Sequence

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Ser Lys Gly Met Gln Leu Glu Asp Leu Lys Gln Gln Leu Gln Gln Ala
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Glu Glu Ala Leu Val Ala Lys Gln Glu Val Ile Asp Lys Leu Lys Glu
20 25 30

Glu Ala Glu Gln His Lys Ile Val
35 40

<210> 15
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Lys Leu Lys Ala Gln Ala Asp Ile Tyr Lys Ala Asp Phe Gln Ala Glu
20 25 30

Arg Gln Ala Arg Glu Lys Leu Ala Glu Lys Lys Glu Leu Leu Gln Glu
35 40 45

Gln Leu Glu Gln Leu Gln Arg Glu Tyr Ser Lys Leu
50 55 60

<210> 16
<211> 43
<212> PRT
<213> Artificial Sequence

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<400> 16

Leu Lys Ala Gln Ala Asp Ile Tyr Lys Ala Asp Phe Gln Ala Glu Arg
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Gln Ala Arg Glu Lys Leu Ala Glu Lys Lys Glu Leu Leu Gln Glu Gln
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Leu Glu Gln Leu Gln Arg Glu Tyr Ser Lys Leu
 35 40

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 <212> PRT
 <213> Homo sapiens

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 20 25 30

Leu Gly Lys Pro Ala Met Leu His Leu Pro Ser Glu Gln Gly Ala Pro
 35 40 45

Glu Thr Leu Gln Arg Cys Leu Glu Glu Asn Gln Glu Leu Arg Asp Ala
 50 55 60

Ile Arg Gln Ser Asn Gln Ile Leu Arg Glu Arg Cys Glu Glu Leu Leu
 65 70 75 80

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225					230					235					240			
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